

## November 2002 Nebraska Earthquake Data:

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**Date-Time** 2002 11 03 20:41:56 UTC

**Location** 42.81N 98.91W

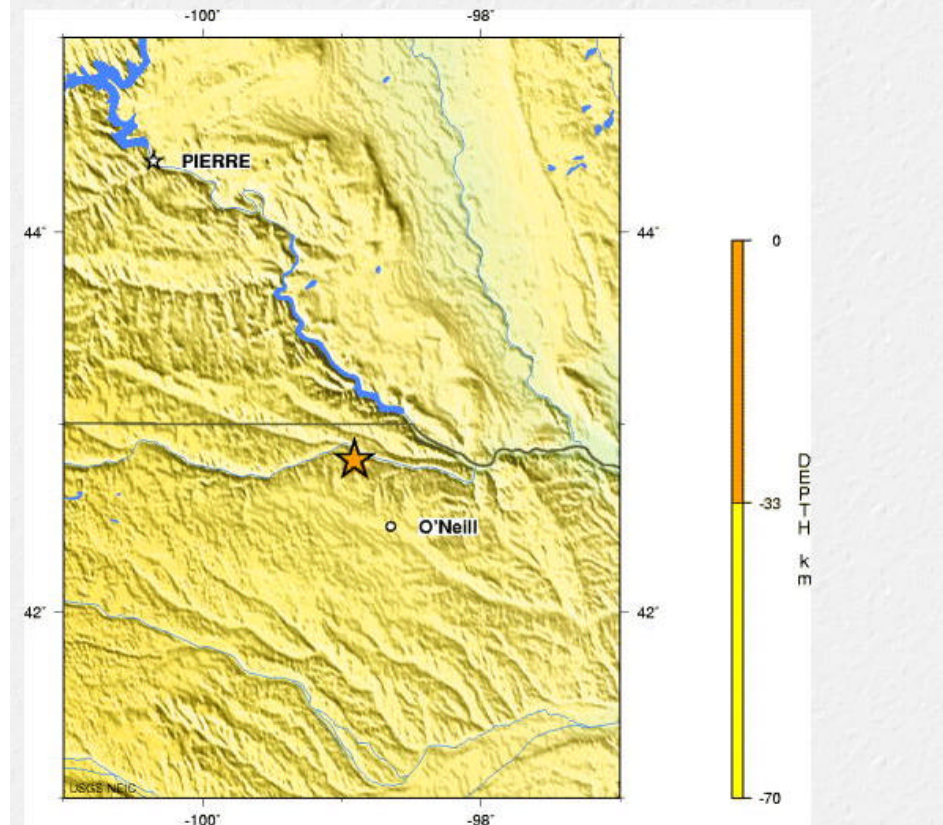
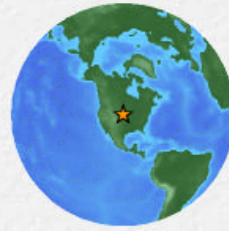
**Depth** 5.0 kilometers

**Magnitude** 4.3

**Region** NEBRASKA

**Reference** 30 miles (45 km) NNW of O'Neill, Nebraska  
50 miles (85 km) ENE of Ainsworth, Nebraska  
60 miles (100 km) SE of Winner, South Dakota  
180 miles (290 km) NW of LINCOLN, Nebraska

**Source** USGS NEIC



USGS National Earthquake Information Center

URL: [http://neic.usgs.gov/neis/bulletin/neic\\_lbbf\\_1.html](http://neic.usgs.gov/neis/bulletin/neic_lbbf_1.html)

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# Army Corps of Engineers

## Strong-Motion Instrumentation Program

### Preliminary event data:

Stn: GPCW Site

Altus Time Source: Keyboard.

Event Start Time: 11/3/2002 (307) 15:43:01.000

Event Trigger Time: 11/3/2002 (307) 15:43:04.800

12 channel unit

3 channel(s) available: 1 2 3

displayed: 1 2 3

Samples per second: 200

Duration: 19.000 seconds, 190 frames, 3800 scans.

Screen Start relative to beginning of event: 0.0000 seconds

Screen End relative to beginning of event: 19.0000 seconds

GPS latitude: 0.00 Degrees North

GPS longitude: 0.00 Degrees East

GPS altitude: 0 Meters relative sea level.

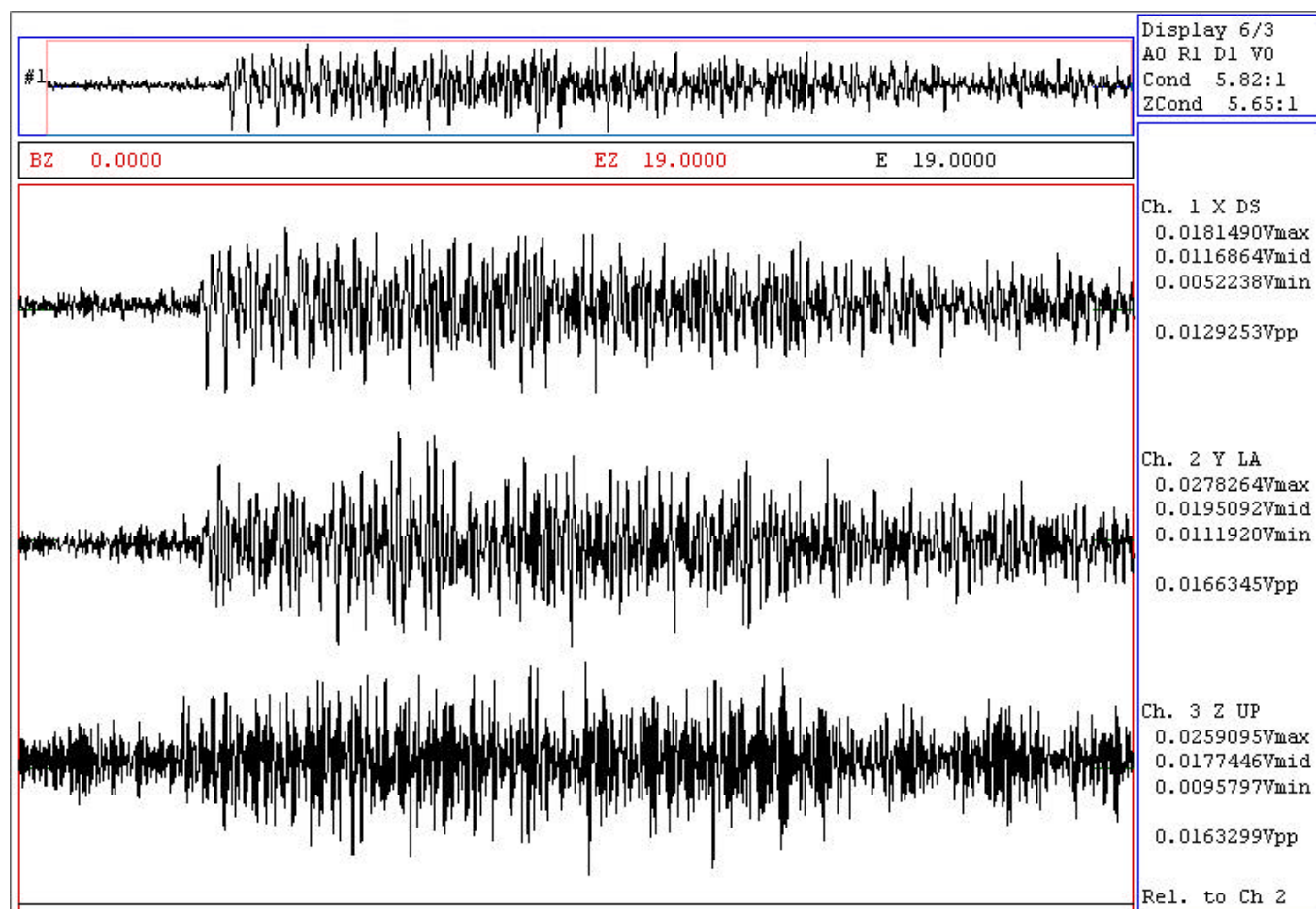
<b>Gavin's Point, SD downstream station (Cottonwood Campground site)</b>			
<b>Ch</b>	<b>1</b>	<b>2</b>	<b>3</b>
MaxPeak:	0.0181490V	0.0278264V	0.0259095V
MinPeak:	0.0052238V	0.0111920V	0.0095797V
Peak-Peak	0.0129253V	0.0166345V	0.0163299V
Mid-point	0.0116864V	0.0195092V	0.0177446V
Mean:	0.0120439V	0.0191422V	0.0183647V
BaseLine Correction			
Max-Mean:	0.0061051V	0.0086842V	0.0075448V
Min-Mean:	-0.0068201V	-0.0079503V	-0.0087851V

### NOTE:

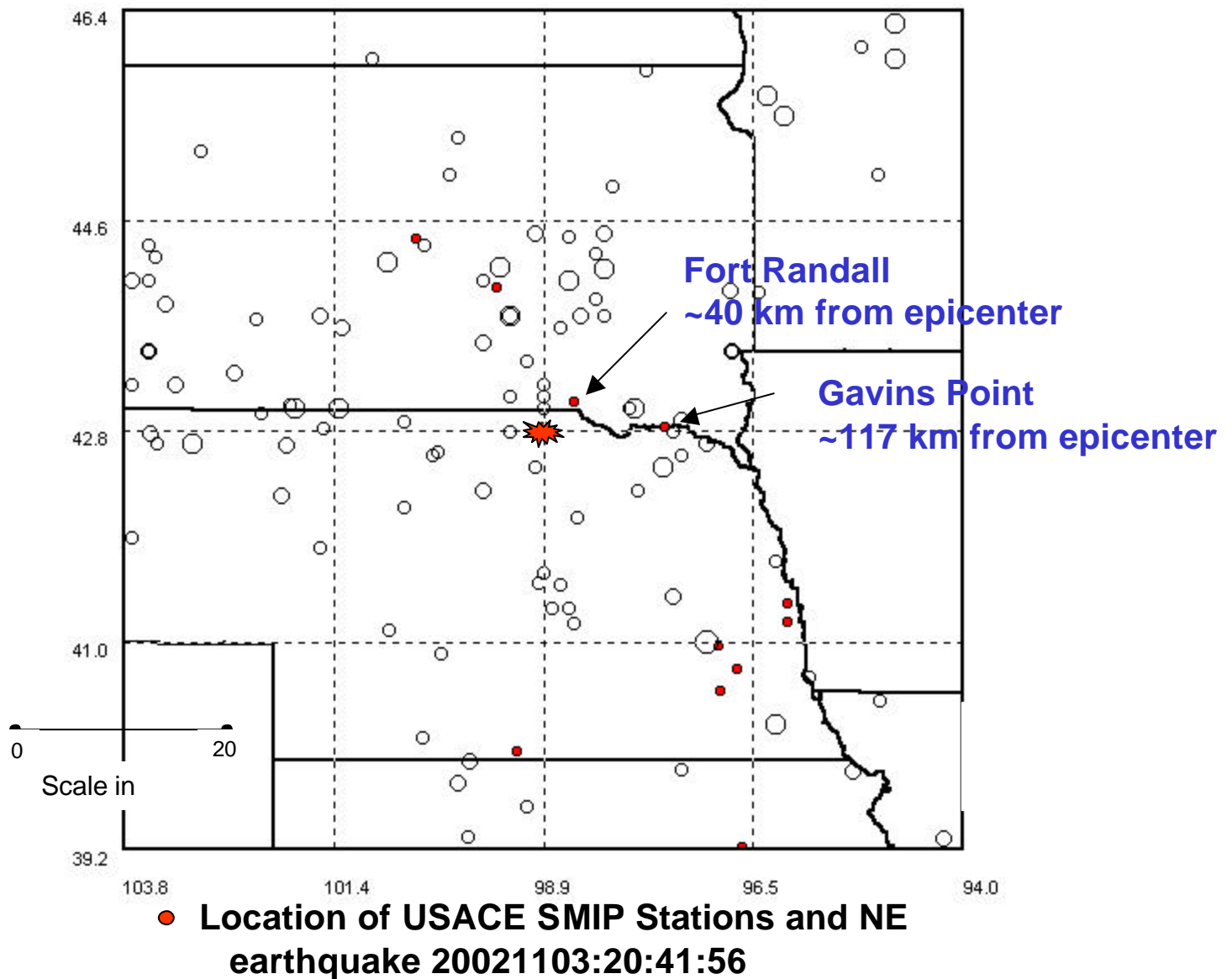
Two SMAs at Ft. Randall Dam, SD were also triggered by this earthquake (crest and spillway).

These stations were located approximately 25 miles from the epicenter. Retrieval and processing of data are pending.

## 3 November 2002 Gavin's Point Earthquake Record



## SMIP Stations Recording 3 Nov 2002 Earthquake



Last update: 18 November 2002

<http://geoscience.wes.army.mil>